

Invention: Truck Bed Liner with Integrated Trunk Storage Compartment

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Serial Number: 09/473,791

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Claim Listing

1. (currently amended) A storage compartment in a truck bed liner

comprising a divider panel hingedly affixed to a liner bottom by a living hinge,

the divider panel thereby enabled to rotate about a horizontal axis to form a

5 vertical wall and an enclosure panel hingedly affixed to a tail gate by a living

hinge, the enclosure panel thereby enabled to rotate about a [[vertical]] horizontal

axis, the divider panel and the enclosure panel positioned such that when pivoted

about their respective axis' form an enclosed compartment.

10 2. (original) The storage compartment of Claim 1 further including a divider

panel securing means for positioning and securing the divider panel.

3. (original) The storage compartment of Claim 1 further including an enclosure

panel securing means for positioning and securing the enclosure panel.

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4. (previously amended) The improved truck bed liner of Claim 1 wherein the
divider panel is located in a bottom of the truck bed liner.

5. Cancelled

20 6. Cancelled

7. Cancelled

8. (original) The storage compartment of Claim 1 wherein the divider panel and the enclosure panel each have three free edges and a fourth edge comprising a hinge means.

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9. (original) The storage compartment of Claim 8 wherein the hinge means is a living hinge.

10.(currently amended) The storage compartment of Claim 3 wherein the divider

10 panel securing means comprises at least two protrusions extending outwardly from each side wall of the liner at a predetermined point in the side walls such that [[they]] the at least two protrusions maintain the divider panel in a 90 degree angle with respect to a bottom when the divider panel is in a raised position, the at least two protrusions being spaced apart from one another along the horizontal
15 axis a sufficient distance that the divider panel can be positioned between
[[them]]the at least two protrusions.

11. (previously amended) The liner of Claim 3 wherein the enclosure panel

securing means comprises at least two horizontal protrusions extending outwardly
20 from the two side walls of the liner at a predetermined point in the side wall, the at least two horizontal protrusions being spaced apart from one another a sufficient distance to form a closure channel and secure the enclosure panel

between the horizontal protrusions.

12. Cancelled

13. Cancelled

14. (original) A storage compartment for a truck bed liner comprising:

- 5 an integrated divider panel having at least two living hinges located at predetermined locations on the divider panel, the living hinges enabling the divider panel to be raised into a vertical position at one of the at least two living hinges and horizontal position at the second of the at least two living hinges; and panel securing means, whereby, the divider panel can be positioned and secured
- 10 to form a trunk storage compartment.

15. (currently amended) A storage compartment in a vehicle liner comprising a

divider panel hingedly affixed to a liner bottom by a living hinge, the divider

- 15 panel thereby enabled to rotate about a horizontal axis to form a vertical wall and an enclosure panel hingedly affixed to a tail gate by a living hinge, the enclosure panel thereby enabled to rotate about a [[vertical]] horizontal axis, the divider panel and the enclosure panel positioned such that when pivoted about their respective axis form an enclosed compartment.

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16. (original) The storage compartment of Claim 15 further including a divider panel securing means for positioning and securing the divider panel.

5 17. (original) The truck bed liner of Claim 15 further including an enclosure panel securing means for positioning and securing the enclosure panel.

18. Cancelled

19. Cancelled

10 20. Cancelled

21. Cancelled

22. (original) The storage compartment of Claim 15 wherein the divider panel and the enclosure panel each have three free edges and a fourth edge comprising a hinge means.

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23. (original) The vehicle liner of Claim 22 wherein the hinge means is a living hinge.

24. (original) The liner of Claim 16 wherein the enclosure panel securing means 20 comprises at least two horizontal protrusions extending outwardly from the two side walls of the liner at a predetermined point in the side wall, the at least two horizontal protrusions being spaced apart from one another a sufficient distance to

form a closure channel and secure the enclosure panel between the horizontal protrusions.

25. (original) The liner of Claim 17 wherein the enclosure panel securing means comprises at least two horizontal protrusions extending outwardly from the two side walls of the liner at a predetermined point in the side wall, the at least two horizontal protrusions being spaced apart from one another a sufficient distance to form a closure channel and secure the enclosure panel between the horizontal protrusions.

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26. (original) The liner of Claim 15 further comprising a base panel, the base panel having a first side and a second side, the enclosure panel being releasably affixed to the first side of the base panel when the enclosure panel is not within the enclosure securing means.

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27. Cancelled

28. (currently amended) An enclosed storage compartment [[for a vehicle having a storage compartment]] comprising a divider panel hingedly affixed to a liner bottom by a living hinge, the divider panel thereby enabled to rotate about a horizontal axis to form a vertical wall and an enclosure panel hingedly affixed to a tail gate by a living hinge, the enclosure panel thereby enabled to rotate about a

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vertical axis, the divider panel and the enclosure panel positioned such that when pivoted about their respective axis' form an enclosed compartment.

29. Cancelled

30. (previously amended) A truck bed of the type made of materials capable of

5 having formed members, the improvement comprising:
a divider panel and further comprising at least two living hinges located at predetermined locations on the divider panel, the living hinges enabling the divider panel to be raised into a vertical position at one of the at least two living hinges and horizontal position at the second of the at least two living hinges; and
10 panel securing means, whereby, the divider panel can be positioned and secured to form a trunk storage compartment with the bottom and an adjacent side wall.

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15 34. Cancelled

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36. Cancelled

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20 39. Cancelled

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43. Cancelled

44. (currently amended) A truck bed generally having a front wall, two side walls, a bottom, and a tailgate, the improvement comprising:

- 5 a hingedly affixed divider and divider securing means, whereby, the divider can be positioned and secured with the divider securing means to compartmentalize the truck bed wherein the divider securing means further comprises at least two protrusions extending outwardly from each side wall of the bed at a predetermined point in the side walls such that the at least two protrusions
- 10 maintain the divider in a 90° angle when the divider is in a raised position, said protrusions being spaced apart from one another along the horizontal axis a sufficient distance such that the divider can be positioned between the at least two protrusions and further comprising horizontally divided locking means to maintain the divider in a horizontal position when the divider is not in a raised
- 15 position.

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49. Cancelled

50. Cancelled

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51. Cancelled

52. Cancelled

53. Cancelled